

Product datasheet for **RC225344A1V**

Human GJB6 (NM_001110221) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GJB6 (NM_001110221) AAV Particle
Tag:	Myc-DDK
Symbol:	GJB6
Synonyms:	CX30; DFNA3; DFNA3B; DFNB1B; ECTD2; ED2; EDH; HED; HED2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225344 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATTGGGGACGCTGCACACTTTCATCGGGGGTGTCAACAAACACTCCACCAGCATCGGGAAGGTGT
GGATCACAGTCATCTTTATTTCCGAGTCATGATCCTCGTGGTGGCTGCCCAGGAAGTGTGGGTGACGA
GCAAGAGGACTTCGCTGCAACACACTGCAACCGGGATGCAAAAATGTGTGCTATGACCACTTTTCCCG
GTGTCCACATCCGGCTGTGGGCCCTCCAGCTGATCTTCGTCTCCACCCAGCGCTGCTGGTGGCCATGC
ATGTGGCCTACTACAGGCACGAAACACTCGCAAGTTCAGGCGAGGAGAGAAGAGGAATGATTTCAAAGA
CATAGAGGACATTAAAAAGCAGAAGGTTTCGGATAGAGGGGTGCTGTGGTGGACGTACACCAGCAGCATC
TTTTTCCGAATCATCTTTGAAGCAGCCTTTATGTATGTGTTTTACTTCCTTTACAATGGGTACCACCTGC
CCTGGGTGTTGAAATGTGGGATTGACCCCTGCCCAACCTTGTTGACTGCTTTATTTCTAGGCCAACAGA
GAAGACCGTGTTTACCATTTTATGATTTCTGCGTCTGTGATTTGCATGCTGCTTAACGTGGCAGAGTTG
TGCTACCTGCTGCTGAAAGTGTGTTTTAGGAGATCAAAGAGAGCACAGACGCAAAAAATCACCCCAATC
ATGCCCTAAAGGAGAGTAAGCAGAATGAAATGAATGAGCTGATTCAGATAGTGGTCAAATGCAATCAC
AGGTTTCCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC225344 protein sequence Red=Cloning site Green=Tags(s) MDWGTLTHTFIGGVNKHSTSIGKVWITVIFIFRVMILVVAAQEVWGDEQEDFVCNTLQPGCKNVCYDHFFP VSHIRLWALQLIFVSTPALLVAMHVAYYRHETTRKFRRGEKRNDFKDIEDIKKQKVRIEGLWWTYTSSI FFRIIFEAAFMVVFYFLYNGYHLPWVLKCGIDPCPNLVDCFISRPTEKTVFTIFMISASVICMLLNVAEL CYLLLVKVCFRRSKRAQTQKNHPNHALKESKQNMNELISDSGQNAITGFPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001110221
ORF Size:	783 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001110221.2, NP_001103691.1</u>
RefSeq Size:	1944 bp
RefSeq ORF:	786 bp
Locus ID:	10804
UniProt ID:	<u>O95452</u>
Cytogenetics:	13q12.11
MW:	30.4 kDa